

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014701

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H04Q7/22, H04Q7/38, H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H04B7/24-7/26, H04Q7/00-7/38, H04L12/56, H04L12/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-008635 A (Lucent Technologies Inc.), 10 January, 2003 (10.01.03), Page 3, left column, lines 22 to 42; page 8, left column, line 20 to page 9, left column, line 39 & EP 1209940 A1 & US 2002/181436 A1 & CN 2376962 A1 & KR 2002/077817 A	1-15
A	JP 2002-520939 A (Motorola, Inc.), 09 July, 2002 (09.07.02), Page 7, line 24 to page 14, line 9 & WO 2000/03487 A1 & EP 1097518 A1 & US 6064659 A & BR 9911957 A & CN 1312975 A & KR 2001/071811 A	1-15

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
05 January, 2005 (05.01.05)

Date of mailing of the international search report
25 January, 2005 (25.01.05)

Name and mailing address of the ISA/
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INTERNATIONAL SEARCH REPORT

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PCT/JP2004/014701

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-281545 A (Matsushita Electric Industrial Co., Ltd.), 13 September, 2002 (13.09.02), Page 9, left column, line 27 to page 14, right column, line 50 & WO 2002/75994 A1 & EP 1296475 A1 & US 2003/139178 A1 & CN 1459163 A & AU 2002/238976 A1	1-15
A	JP 2000-244521 A (Sumitomo Electric Industries, Ltd.), 08 September, 2000 (08.09.00), Page 7, right column, line 38 to page 13, left column, line 23 (Family: none)	1-15
A	JP 2003-163687 A (Nippon Telegraph And Telephone Corp.), 06 June, 2003 (06.06.03), Page 6, right column, line 19 to page 12, left column, line 47 (Family: none)	1-15
A	JP 2001-156784 A (Nippon Telegraph And Telephone Corp.), 08 June, 2001 (08.06.01), Page 6, left column, line 22 to page 9, right column, line 37 (Family: none)	1-15